

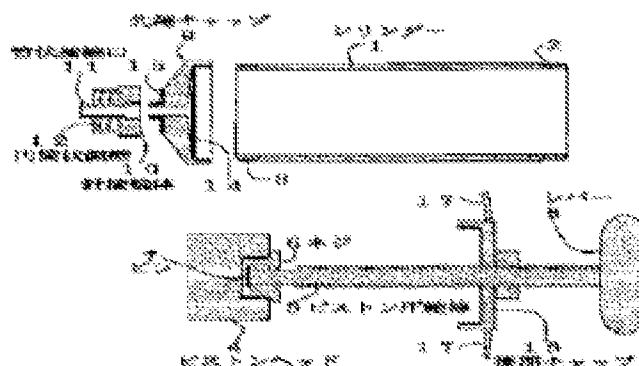
FAT INJECTOR FOR TRANSPLANTATION

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 - international: **A61M5/31; A61M5/34; A61M37/00; A61M5/31; A61M5/34; A61M37/00;** (IPC1-7): A61M5/31; A61M5/34; A61M37/00
 - european:
Application number: JP20000333555 20001027
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Abstract of **JP2002126083**

PROBLEM TO BE SOLVED: To provide a fat injector for transplantation which is capable of subcutaneously injecting a mass of fat through a tiny needle pore without breaking the mass of fat. **SOLUTION:** This fat injector for transplantation is composed of a cylinder provided with a screw head on each edge, a piston head to be inserted in the cylinder, a rod that compresses the piston head to be reciprocated, a posterior cap to be screwed into the screw head of a posterior edge of the cylinder, a point cap to be screwed into the screw head on a forefront edge of the cylinder and a needle connector that connects the point cap and the needle, whereas the piston compressing rod is equipped with the screw threads for reciprocating the piston head by manual rotation of screws, and the point cap and the needle connector have the penetrating holes through which the fat inserted in the cylinder is extruded by the compressive force of the piston head. The respective parts of the injector are preferably made of stainless steel. Since the fat can be subcutaneously injected as a large mass, the growth rate of fat can definitely be raised without damaging the fat cells.



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